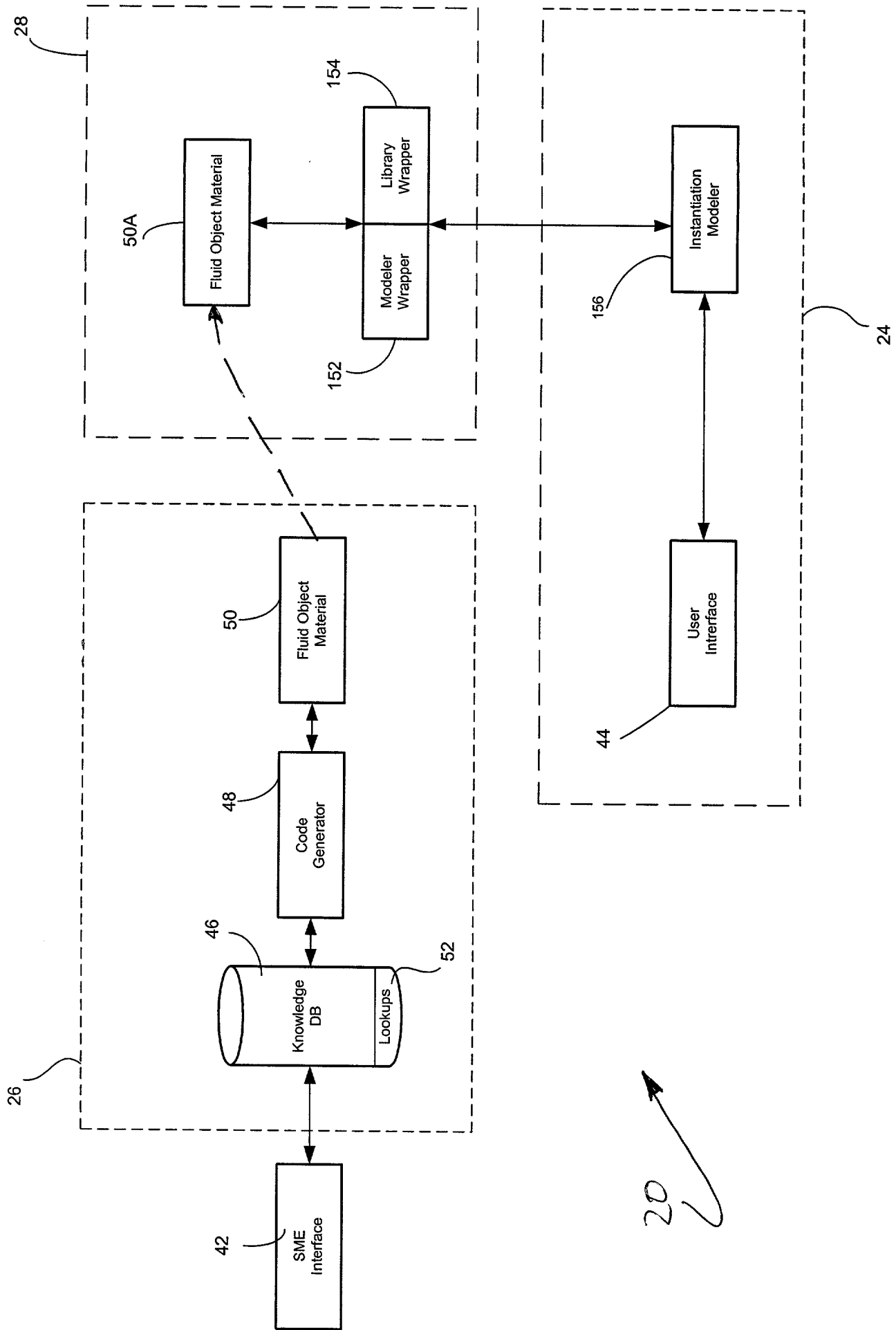


Fig. 1



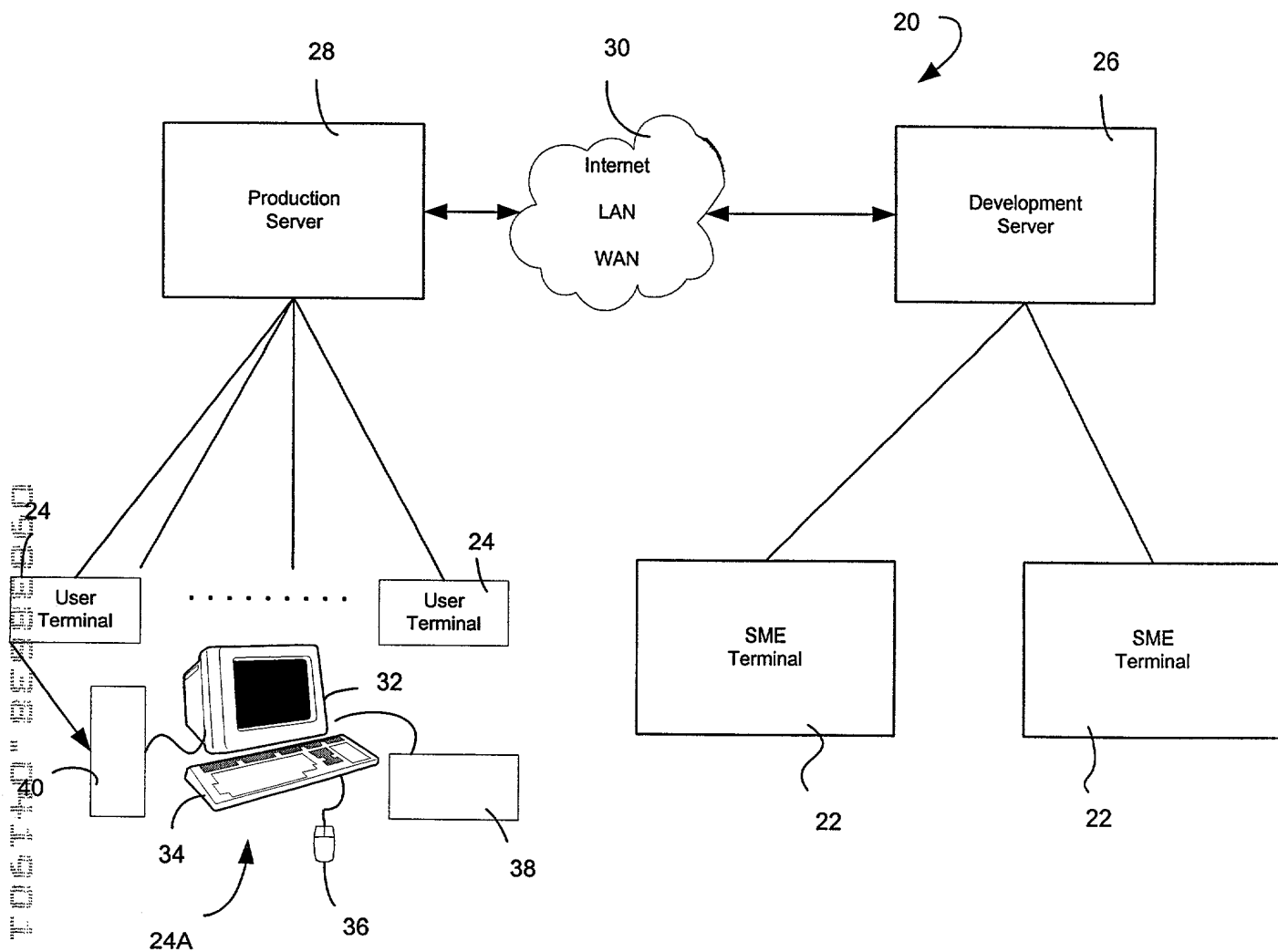
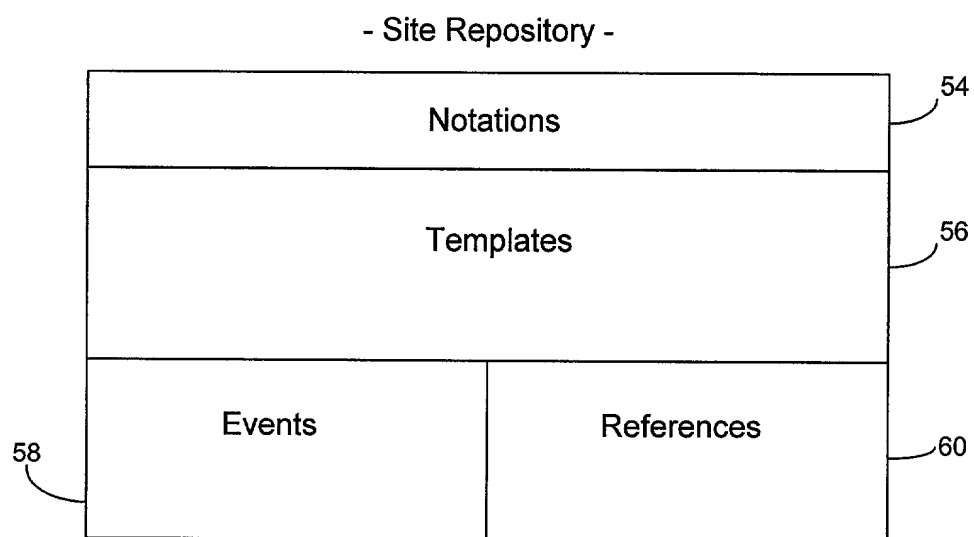


Fig. 2

Fig. 3



Database Model

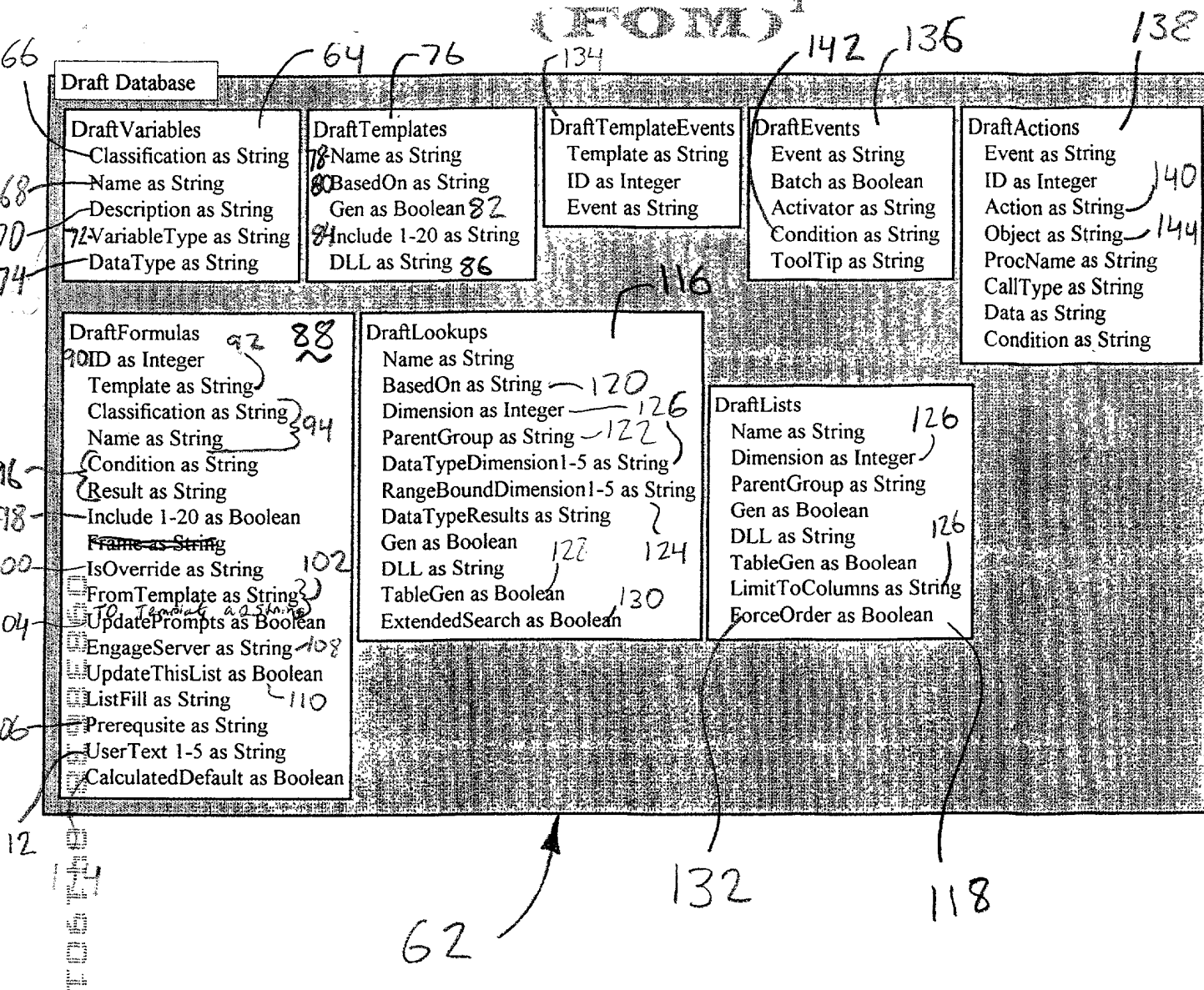
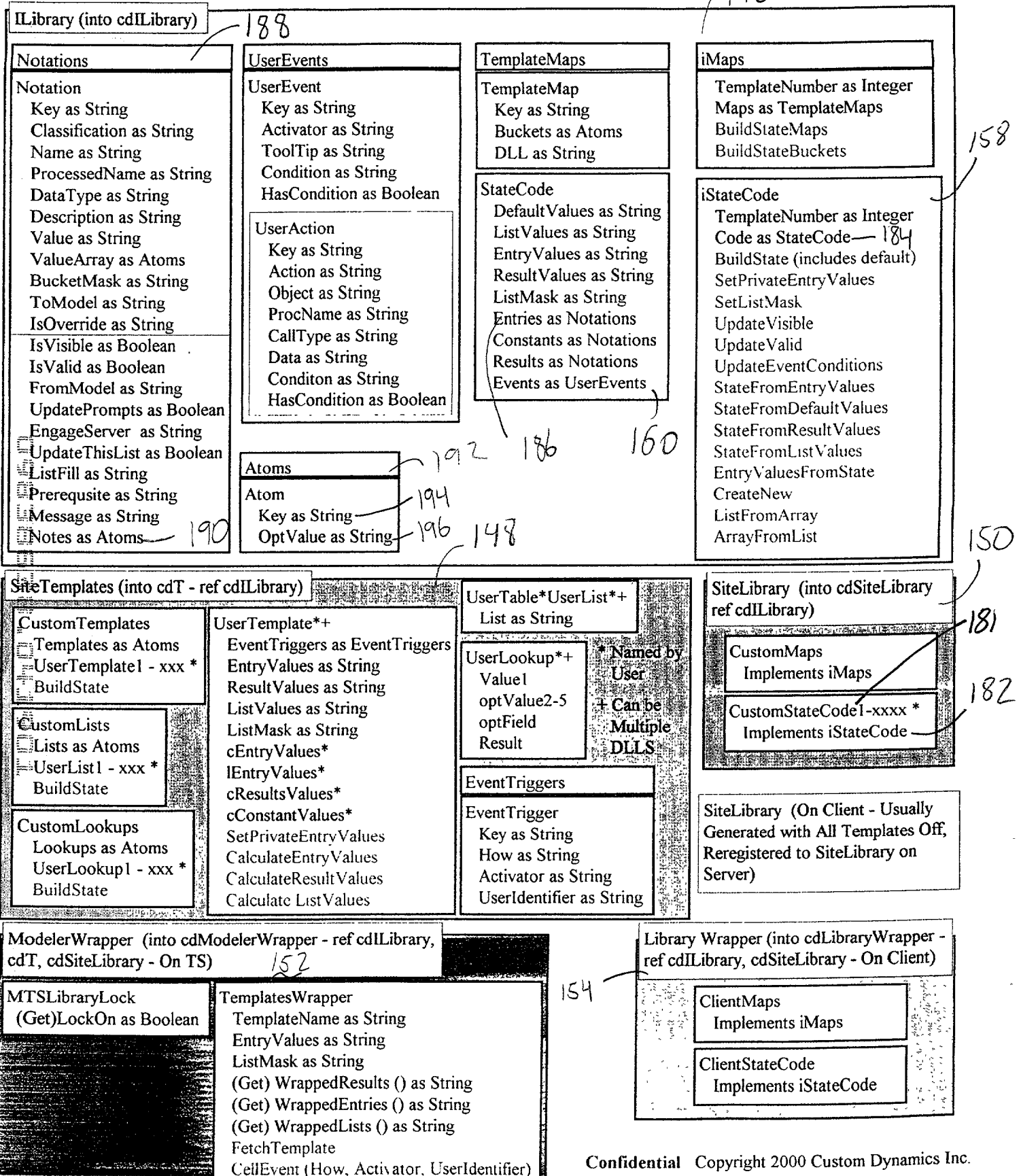
(FOM)¹

Fig. 5

Object Model - Fluid Object Modeler (FOM)²

50



Object Model - Fluid Object Material (FOM)³

156

Modeler (into cdModeler ref cdLibrary, cdModelerWrapper, cdLibraryWrapper - On Client)

WorkingModels

Key as Long
 Notes as Atoms
 GetMaps
 GetBuckets(TemplateNumber as Integer)
 CreateModel(Template as String, OptQuantity as Integer)
 RemoveModel(Number as Long, OptToEnd as Boolean)
 Reconcile(Number as Long, FromTemplate as String)

Model

Key as Long
 Name as String
 TemplateNumber as Integer
 Entries as Notations
 Results as Notations
 Events as UserEvents
 Notes as Atoms
 InitializeModel
 RefreshPrompts (OptCurrentEntry as Integer)
 RefreshResults
 PerformOverrides
 RestoreDefaultValues
 ListFromArray
 ArrayFrom List
 ProcessEvents(How As String, Activator As String, UserIdentifier As String)
 ModelerAction(UserIdentifier As String, UserEvent As String, Action As
 String, ModelNumber As Long, Object As String, ProcName As String,
 CallType As String, Data As String)
 ActionComplete(UserIdentifier As String, UserEvent As String, Action As
 String, ModelNumber As Long, StatusCode As Long, StatusMessage As String)

TemplateMaps**TemplateMap**

Key as String
 Buckets as Atoms
 DLL as String

Atoms**Atom**

Key as String
 OptValue as String

Notations**Notation**

Key as String
 Classification as String
 Name as String
 ProcessedName as String
 DataType as String
 Description as String
 Value as String
 ValueArray as Atoms
 BucketMask as String
 Frame as String
 IsOverride as String
 IsVisible as Boolean
 IsValid as Boolean
 FromTemplate as String
 UpdatePrompts as Boolean
 EngageServer as String
 UpdateThisList as Boolean
 ListFill as String
 Prerequisite as String
 Message as String
 Notes as Atoms

UserEvents**UserEvent**

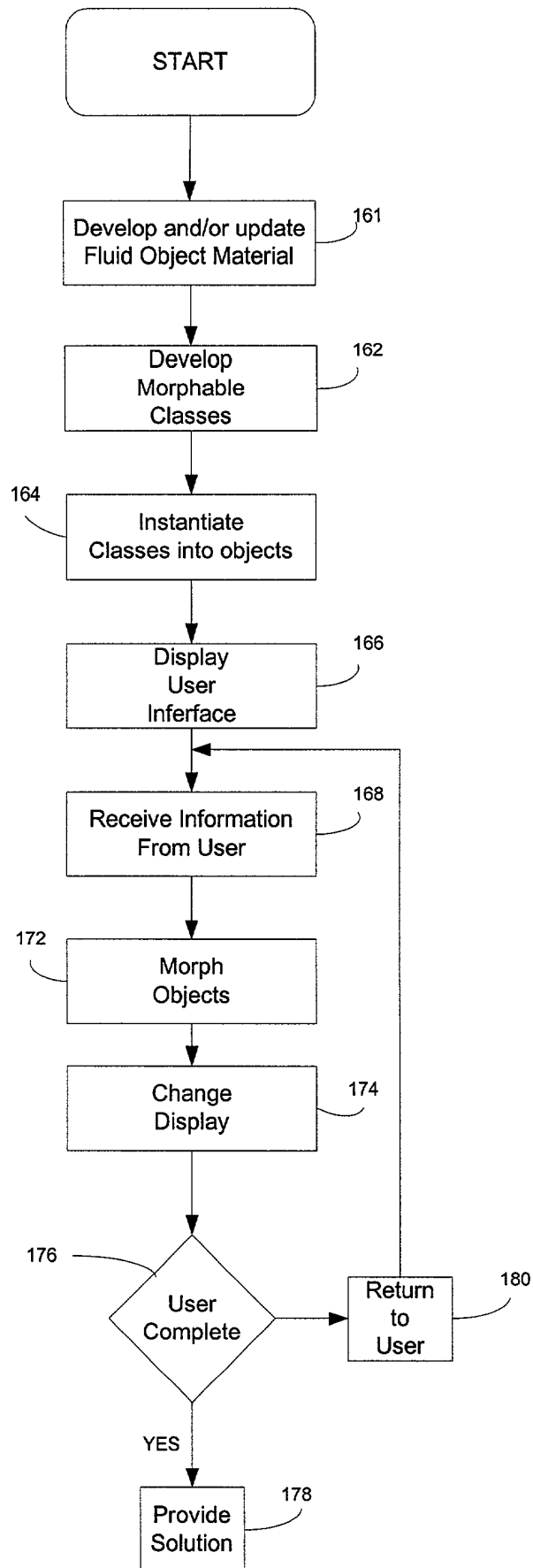
Key as String
 Activator as String
 ToolTip as String
 Condition as String
 HasCondition as Boolean

UserAction

Key as String
 Action as String
 Object as String
 ProcName as String
 CallType as String
 Data as String
 Conditon as String
 HasCondition as Boolean

EntryObjects (ref ADO, InventoryObjects, CustomerObjects, EntryServer, cdLibrary, cdModeler)

Fig. 7



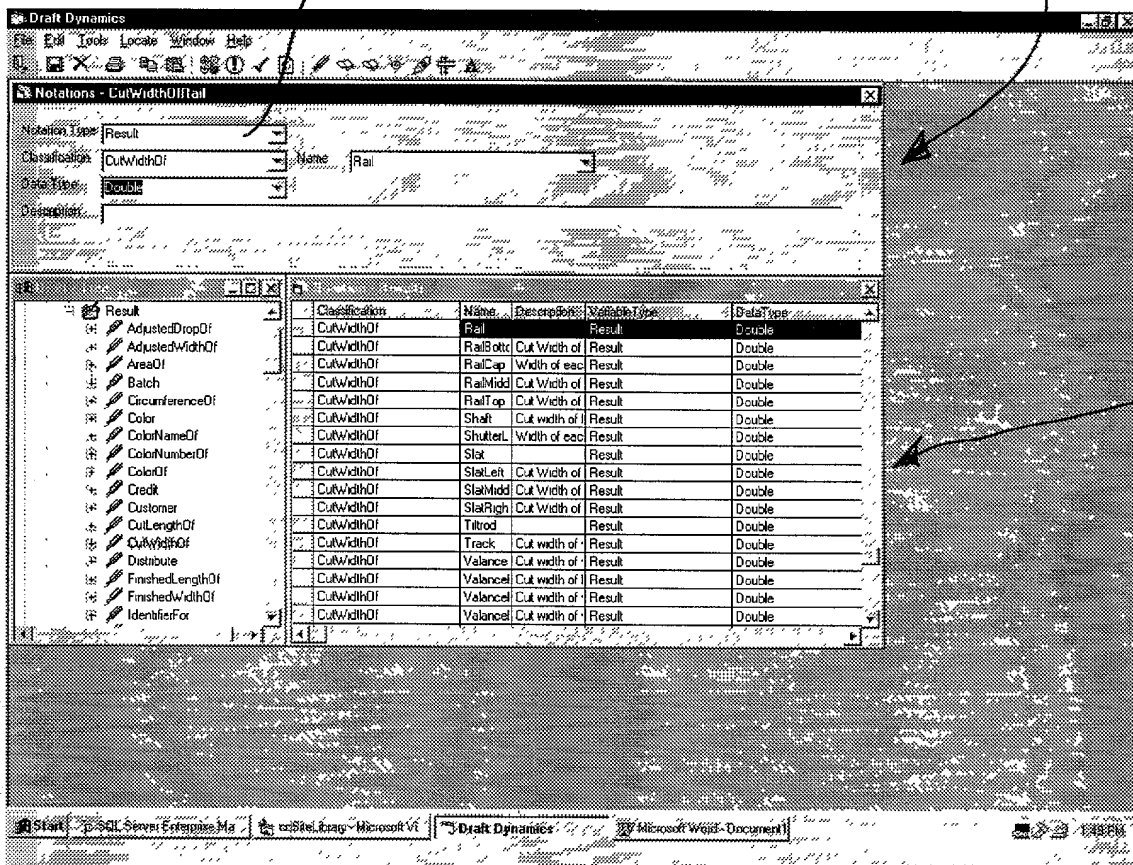


Fig. 8

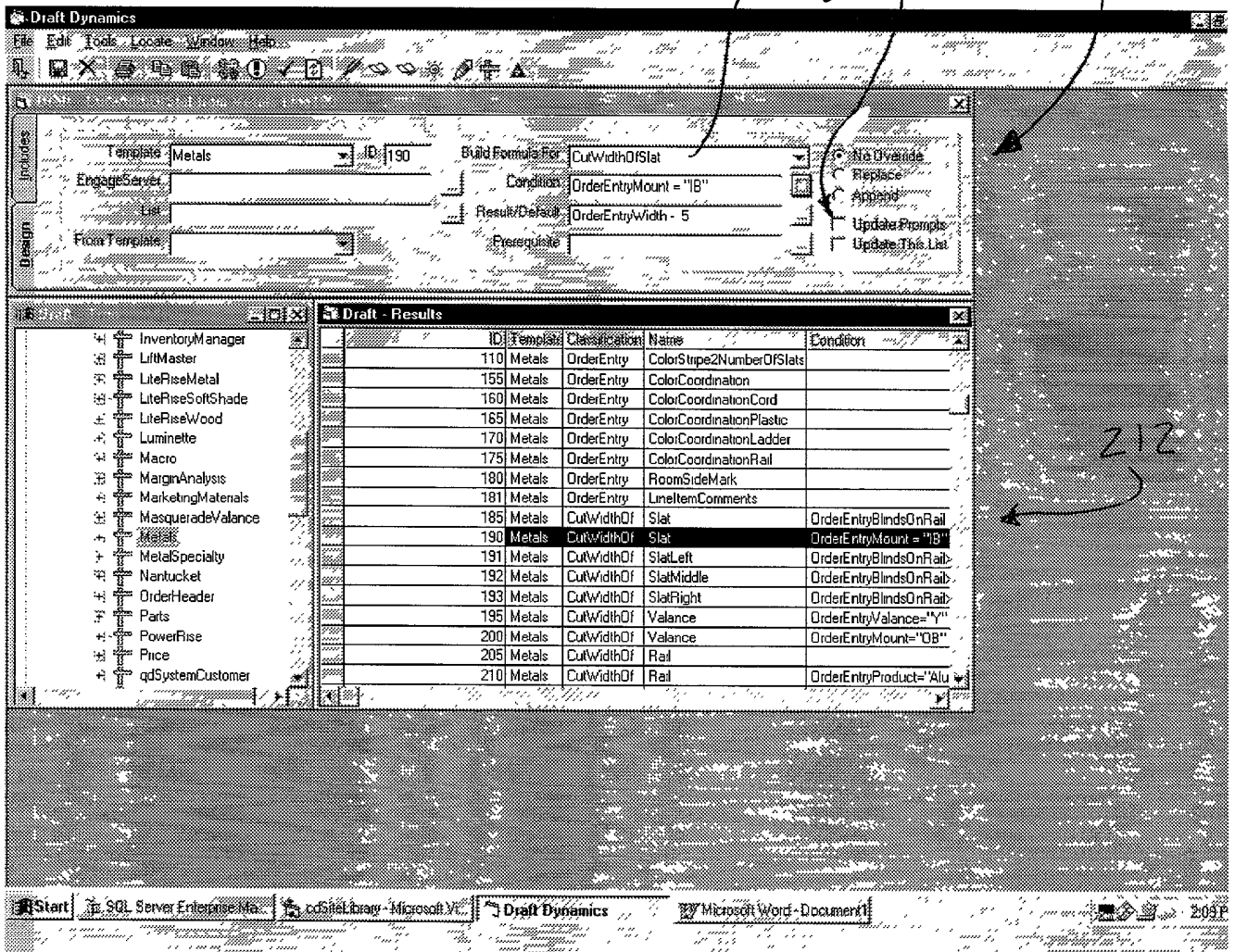


Fig. 9

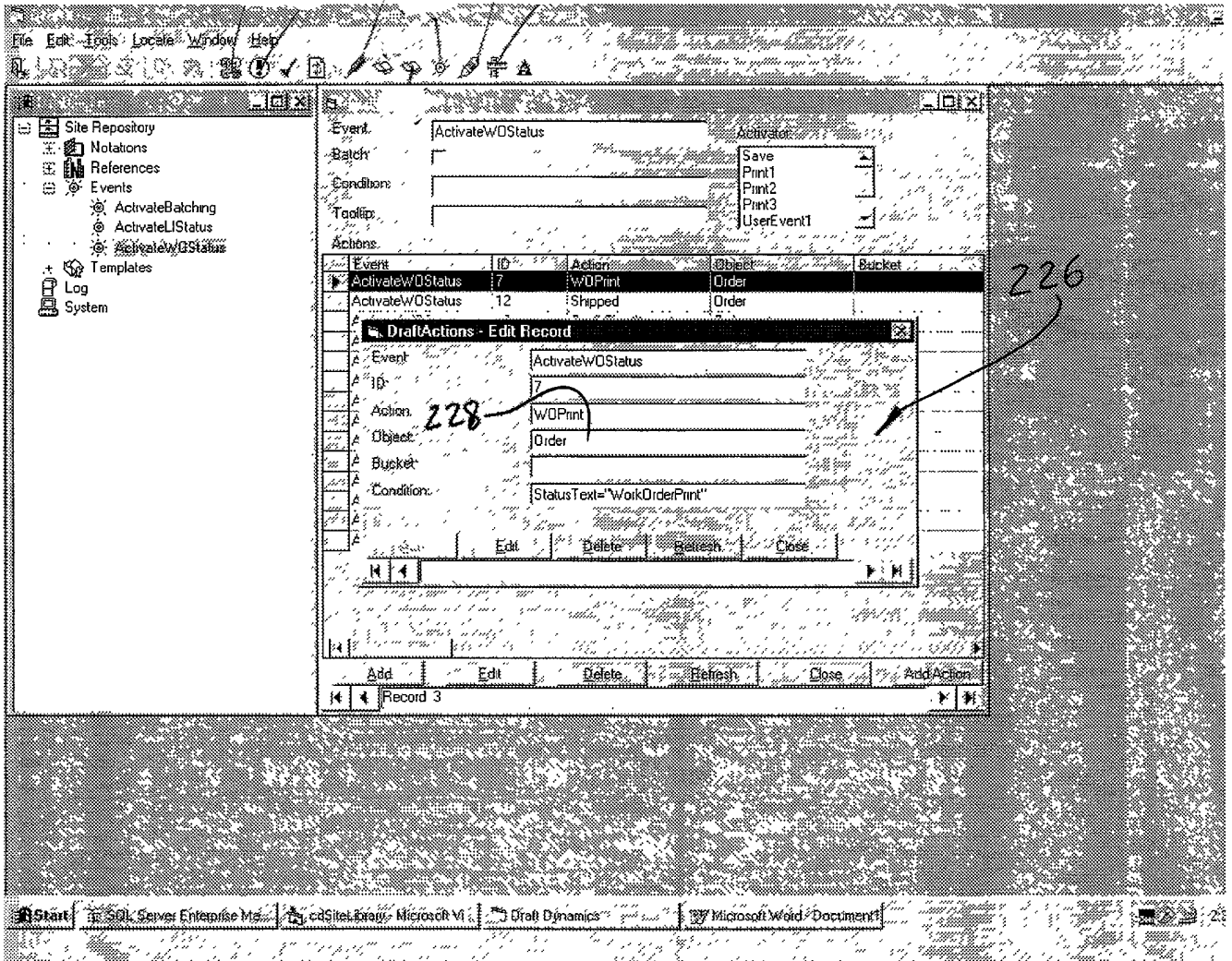


Fig. 11

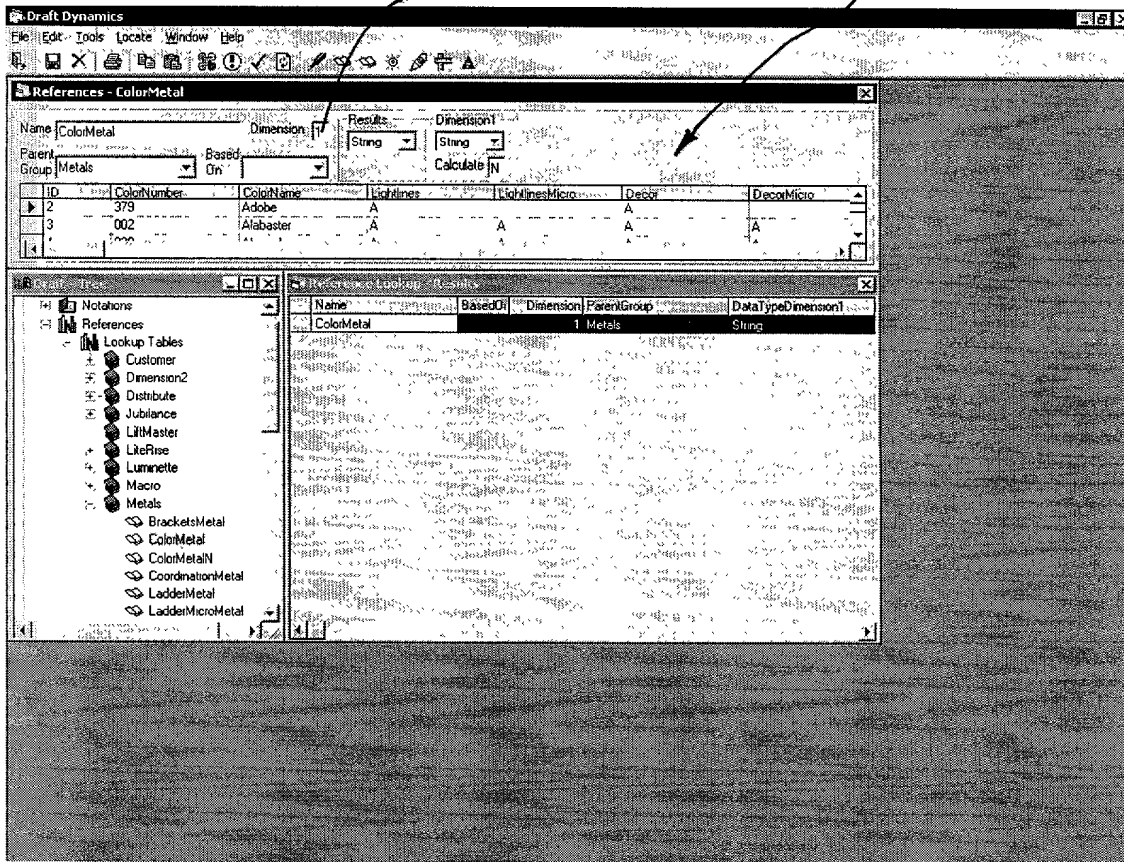


Fig. 12

Customer Service

File Edit Navigate Actions Window Help

4/10/2001

Control Panel

WorkOrders From 2/9/2001 To 4/10/2001

Order 0

Customer

1108 Add A Shade Ordered By

Customer PO Order Sidemark Phone # (402) 581 1817 Fax #

Line Items

W/O	Quantity	Product	Width	Drop	Mount	Color	Color Name	Sidemark
1	1	Celebrity	Standard		Mount	Color		

Item 1

Metals

Quantity 1

Product Celebrity

Product Model Standard

Color

Color Name

Width 7

Drop 6

Mount 18

Color 1A

Color Name R

Special Mount 0

Special Wand Control N

Room Sidemark

Up Altern Comments

Hold Downs N

Spacer Blocks 0

Box Bracket

Extension Bracket N

Slips N

Override Pricing No

Color Coordination Standard

Item Entry Values

234

236

238

240

Fig 13A

Customer Service

File Edit Navigate Actions Windows Help

Date: 4/10/2001

Control Panel

WorkOrders From 2/9/2001 To 4/10/2001

Order 0

Customer: 1109 Add A Shade

Customer PO: Order Sidemark: Phone #: (402) 681-1817 Fax #:

Line Items

W/O #	Quantity	Product	Width	Drop	Mount	Color	Color Name	Side Mark
1002								
1003								
1004								
1005								
1006								
1007								
1009								
1011								
1012								
1016								
1018								
1019								
1020								
1021								
1023								
1029								
1031								
1032								
1033								
1034								
1036								
1037								
1038								
1040								
1041								
1042								
1043								
1044								
1045								
1046								
1047								
1048								
1049								
1050								
1051								
1052								
1053								
1055								
1056								

Item 1

Metals: Quantity: 7 Drop: 6 Mount: B

Product: Celebrity Product Model: Standard

Blinds On Rail: Color: Color Name: Width: 7 Width Left: 7 Width Right: 7 Tilt Left: L Tilt Middle: L Tilt Right: R Gap Size: 5

Special Control: 0 Special Wand Control: N Room Side Mark: Unsystem Comments: Hold Downs: N Spaced Brackets: 0 Box Bracket: Extension Brackets: N Strips: N Override Pricing: No

Color Coordination: Standard

Item Entry Values:

Handwritten annotations: 234, 236, 240, 242, 244, 246, 238

Fig. 13B

Customer Service

File Edit Navigate Actions Window Help

Date 4/10/2001

Control Panel

WorkOrders From 2/9/2001 To 4/10/2001

Order 0

Customer 1108 Add A Shade Ordered By

Customer PO Order Sidemark Phone # (402) 681 1817 Fax #

Line Items

WO#	Qty	Product	Width	Drop	Mount	Color	ColorName	Sidemark
[Empty Table]								

Item 1

Metals

Product Celebrity 236

Product Mode Standard

Blinds Option 1

Color

Color Name

Width 002

Drop 6

Mount 18

Special Lin Control 0

Special Wand Control N

Room Side Mark

Hold Downs N

Space Block 0

End Brackets N

Extension Brackets N

Stripes N

Overdraping No

Color Coordination Standard

Item Entry Values

248

Fig. 14A

Customer Service

File Edit Navigate Actions Window Help

Date: 4/10/2001

Control Panel

WorkOrders From 2/9/2001 To 4/10/2001

- 1002
- 1003
- 1004
- 1005
- 1006
- 1007
- 1009
- 1011
- 1012
- 1015
- 1018
- 1019
- 1020
- 1021
- 1023
- 1029
- 1031
- 1032
- 1033
- 1034
- 1036
- 1037
- 1038
- 1040
- 1041
- 1042
- 1043
- 1044
- 1045
- 1046
- 1047
- 1048
- 1049
- 1050
- 1051
- 1052
- 1053
- 1055
- 1056

Order 0

Customer: 1108 Add A Shade

Customer PO: Order Sidemark: Phone #: (402) 681 1817 Fax #:

Line Items

WO#	Quantity	Product	Width	Drop	Mount	Color	Color Name	SideMark
Item 1		Metals		Drop	Mount	Color	Color Name	SideMark
		Blinds On Rail		Special Lift Control	Special Wand Control	Room Side Mark		
		Color		Special Wand Control	Special Wand Control	Room Side Mark		
		Color Name		Special Wand Control	Special Wand Control	Room Side Mark		
		Width	H711 H388 H728 H575 H603 H631 H893	Hold Downs	Space Blocks	Extension Brackets	Stripes	Overriding
		Color Coordination	Standard					

Item Entry Values

236

250

Fig. 14B